IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Please amend claims 30, 32, 33, and 35.

Please cancel claim 34.

Please add new claims 80-87.

STATUS OF CLAIMS

Claims 1-29 **(withdrawn).**

Claim 30 **(currently amended)** An isolated polypeptide ~~encoded by a nucleic acid molecule of claim 1~~, comprising SEQ ID NO:2 or a fragment thereof comprising an epitope specific to said polypeptide.

Claim 31 **(original)** The polypeptide of claim 30 wherein said polypeptide comprises a sequence of SEQ ID NO:2.

Claim 32 **(currently amended)** An isolated ~~The~~ polypeptide ~~of claim 30 wherein said polypeptide comprises~~ comprising an amino acid sequence at least 60% homologous to ~~a sequence of~~ SEQ ID NO:2.

Claim 33 **(currently amended)** The polypeptide of claim ~~30~~ 32 wherein said amino acid sequence is at least 80% homologous to ~~sequence homologous to a sequence of SEQ ID NO:2 comprises at least one conservative amino acid substitution compared to the sequence of~~ SEQ ID NO:2.

Claim 34 **(canceled)**

Claim 35 **(currently amended)** A composition comprising a polypeptide of claim [34] 30 and an acceptable carrier or diluent.

Claims 36-79 **(withdrawn).**

Claim 80 **(new)** The polypeptide of claim 32 wherein said wherein said amino acid sequence is at least 95% homologous to SEQ ID NO:2.

Claim 81 **(new)** The isolated polypeptide of claim 32, wherein said polypeptide is a seven transmembrane receptor.

Claim 82 **(new)** The isolated polypeptide of claim 81, wherein said seven transmembrane receptor is a G-protein coupled receptor.

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Claim 83 **(new)** The isolated polypeptide of claim 30 wherein said fragment comprises at least 5 amino acids.

Claim 84 **(new)** The isolated polypeptide of claim 30 wherein said fragment comprises at least 20 amino acids.

Claim 85 **(new)** A purified and isolated polypeptide encoded by a polynucleotide comprising a nucleotide sequence wherein said polynucleotide hybridizes to the nucleotide sequence set forth in SEQ ID NO: 1 or the noncoding strand complementary thereto, under stringent hybridization conditions with the provision that the polynucleotide comprises a nucleotide sequence that differs from the sequence set forth as SEQ ID NO: 1 and from its complementary strand by at least one nucleotide.

Claim 86 **(new)** The polypeptide of claim 85, wherein said polypeptide is a seven transmembrane receptor.

Q1 Claim 87 **(new)** The polypeptide of claim 86, wherein said seven transmembrane receptor is a G-protein coupled receptor.